



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/800,358	03/12/2004	Edward George Callway	00100.99.1035	7951

29153 7590 10/30/2007
ADVANCED MICRO DEVICES, INC.
C/O VEDDER PRICE KAUFMAN & KAMMHOLZ, P.C.
222 N.LASALLE STREET
CHICAGO, IL 60601

EXAMINER

BOCCIO, VINCENT F

ART UNIT	PAPER NUMBER
----------	--------------

2165

MAIL DATE	DELIVERY MODE
-----------	---------------

10/30/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/800,358

Applicant(s)

CALLWAY ET AL.

Examiner

Vincent F. Boccio

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Pre-Amendment 3/12/2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-10 is/are allowed.
- 6) ☒ Claim(s) 11-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). 1
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 3/12/2004 & 6/21/2004.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application
- ☐ Other: _____.

Art Unit: 2165

DETAILED ACTION

The Group and/or Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 2165.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

2. Claims 11-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kori et al. (US 5,778,064).

Regarding claims 11-18, Kori in Fig. 8, discloses and meets the limitations associated with a method for computing system to provide protection of incoming data, the method comprising:

- receiving data of at least one of audio and video; (see Fig. 8, "VBI dec. 51", "A/D 54", "A/D 52", "video signal process 55", "audio signal process 53" etc.);

Art Unit: 2165

- wherein a line of the data includes screen end information, and color burst information (the color burst and screen end information are inherent features of a beginning and ending information associated with one line of a video signal, from H-sync to H-sync.; and
- a data access parameter is independent of a source of the data (see col. 7, line 4 to col. 8, line 43, "CGMS information indicates the level of protection, either "bit value 00, not copy protected", "bit value 10 partially copy protected" and "bit value 11 copy protected");
- digitizing (54) independent of the access parameter, once digitized, the data access parameter is lost, prior to enabling a central processing unit (control switches 48, 50 and SW and elements 45, 56, with controllers 42, 43 and 51), to control access to the digital video (to recorder 13);
- prior to enabling a processing unit to access control of the digital video to be recorded, determining whether the data access parameter restricts (Fig. 2 B); and when restricted access is preventing to the digital video without restrictions (Fig. 2 B, invalid for copy operation, bits 7 & 8 are 1/ones s).

Regarding claims 12-14, Kori further meets the limitation of wherein when storing the video in digital memory an embedded data access parameter (Fig. 2 B, "valid for one copy generation") is not included (lost due to D/A conversion, also the original in this case is not included because it is changed to no copy) and preventing from access due to copy restriction.

Claims 15-21 are deemed analyzed and discussed with respect to the claims above.

Further regarding claims 11-21, Kori discloses a various processors for controlling switches and related elements and interpreting restrictions but, fails to disclose a CPU and computer system.

The examiner takes official notice that what has been done in hardware is obvious to be implemented by a computer system

Art Unit: 2165

with CPU and software to perform the same, therefore, it would have been obvious to one skilled in the art at the time of the invention to modify Kori by utilizing or replacing the hardware processors with a CPU/computer system and software, as software lends itself to be updated and re-down-loaded, as compared to hardware modifications, as is obvious to those skilled in the art.

Allowable Subject Matter

1. Claims 1-10 allowed, based on the reasons of record in application 08/878,249.

Contact Information

Any inquiry concerning this communication or earlier communications should be directed to the examiner of record Vincent F. Boccio whose telephone number is (571) 272-7373.

The examiner can normally be reached on between Monday thru Friday between (7:30 am to 5:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on (571) 272-4146.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Primary Examiner, Boccio, Vincent
10/28/07


VINCENT BOCCIO
PRIMARY EXAMINER